

SABATA, V.; STEMBERA, Z.K.; HODR, J.

Lipid and carbohydrate metabolism in fetuses of diabetic mothers. Cesk. gynek. 30 no.9:688-691 N '65.

1. Ustav pro pedi o matku a dite v Praze (reditel doc. dr. J. Horsky, DrSc.).

GAB TAYEV, Lail, inzh.

Temporary power supply of the construction site. Energ. stroi.
(MIRA 18:3)
no. 22363-65 164.

SABATIN, I.

Possibilities to use steel conductors in low-voltage distributing networks.

p. 46 (Mecanizarea Si Electrificarea Agriculturii) No. 1, Jan. 1957, Bucuresti, Romania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

SAVIUC, Victor; SABATIN, Igor; CRISAN, Alexandru

Electric parameters of the aluminum-steel twisted cables. Studii
fiz tehn Iasi 10 no.2:177-194 '59. (EEAI 9:9)
(Electric cables) (Impedance (Electricity))
(Aluminum) (Steel) (Torsion)

SAVIUC, Victor; SABATIN, Igor; CRISAN, Alexandru

Electric parameters of steel multiple-wire conductors. Studii fiz
tehn Iasi 11 no.1:135-147 '60. (EEAI 10:3)

(Electric conductors) (Electric wire)
(Steel)

SAVIUC, V.D.; SABATIN, I.

Eddy currents in the top dressing nonferromagnetic thin tube introduced in the air gap of an asynchronous engine with the rotor in short circuit. Studii fiz tehn Iasi 14 no.1:75-89 '63.

SABATIN, I.; SAVIUC, V.

Theoretical bases for methods of determining the explosive security
of electric installations in an explosive atmosphere. Archiv gorn
9 no.2:201-214 '64.

SABATIN, I., ing.; OREIA, N., ing.

Physical basis of the security homologation of electric equipment
against explosion. Rev min 15 no.11:552-560 N '64.

1. GIONTI, M.D - SABATIN, YE. YU
2. USSR (600)
4. Batum - Botanical Gardens
7. Results of wintering of subtropical plants in the Batum Botanical Garden.
Biul. Glav. bot. sada no. 12, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1952, Unclassified

SABATIN, E. Yu.

Growing bananas in the area of the Soviet humid subtropics. Biul. Glav.
bot.sada no.14:92-93 '52. (MLRA 6:5)

1. Batumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Batum--Banana) (Banana--Batum)

SABATIN, Ye.Yu.

Bananas in the Soviet subtropics. Priroda 44 no.8:101-103 Ag '55.
(MIRA 8:10)

1. Sochinskaya nauchno-issledovatel'skaya optytnaya stantsiya sub-tropicheskogo lesnogo i lesoparkovogo khozyaystva
(Banana)

SABATKA, Z

Certain problems concerning the organization of administrative activities
in research institutes.

p. 377

Vol. 5, no. 8, Aug. 1955
ZA SOCIALISTICKOU VEDU A TECHNIKU
Praha

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956

SABATOVA, M.

SABATOVA, M., KRAUS, Z.

Treatment of syphilis with massive doses of mapharsen and bismuth.
Cesk. derm. 25:Suppl. 15 Oct. 50. p. 67-73

1. Of the Dermato-Venerological Clinic in Hradec Kralove (Head--
Prof. Bret. Janousek, M. D.).

CML 20, 3, March 1951

SABATOVA M.

Z derm. Odd, KUNZ, Pardubice. *Teleangiectasia maculosa eruptiva perstans.
Telenagiectasia maculosa eruptiva perstand CSL. DERM. 1954, 29/1 (24-27) Illus. 3
A case is described which presented for a long time considerable diagnostic difficulties.
It is a rare unpigmented variety of urticaria pigmentosa adultorum, given by Weber the
name of teleangiectasia maculosa eruptiva perstans. There was at the same time
hepatosplenomegaly and it is possible that regarding the question of aetiology the
leukaemoid theory comes nearest to the truth. All the hitherto known therapeutic
measures having failed, the question of treatment remains an open one. Simmons- Amsterdam

SO: Excerpta Medica
Section Xlll
Vol. 9 No. 1

EXCERPTA MEDICA Vol.10/3 Sec.13 Dermatology March 56

735. ŠABATOVÁ M. Dermatovenerol. Odd. KÚNZ Pardubice. "Sklerodermie s posílením vnitřních orgánů. Scleroderma affecting internal organs" ČSL.DERM. 1955, 29/2 (112-117) Tables 1 Illus. 1
A case of acrosclerosis affecting internal organs is described. Clinical findings show plainly that it is a case of the diseased system where the skin may be affected.

735

CONT

ed fairly late in time. The authoress contradicts Olsen's opinion which maintains that dysphagial difficulties indicate an unfavourable prognosis for the disease. Further on, the authoress evaluates therapeutic results following the administration of eravit, cortisone and PABA. Of the quoted medicaments, the best results were achieved with PABA administered in large doses and for a long period of time.

Author's summary

SABATOVA, M., MUDr.

Experiences with ACTH and cortisone therapy in certain skin diseases. Cask. derm. 31 no.1:22-27 Feb 56.

1. KUNZ, oddel. pro kozni a pohlavní choroby, Pardubice,
prednosta MUDr. M. Sabatova.

(ACTH, therapeutic use,
skin dis. (Cz))

(CORTISONE, therapeutic use,
skin dis. (Cz))

(SKIN, diseases,
ther., ACTH & cortisone. (Cz))

PETER, M., dr.; SABAU, Monica, dr.; TINKL, Suzana, dr.

Data relating to the problem of association of the genus
Geotrichium and various enterobacteria. I. Microbiologia
(Bucur) 10 no.1:33-40 Ja-F'65.

1. Lucrare efectuata in Institutul de medicina si farmacie,
Tirgu Mures; Disciplina de microbiologie si inframicrobiologie
(conducator: J. Laszlo, sef de lucrari).

UDC 312.6:616-057:66

CZECHOSLOVAKIA

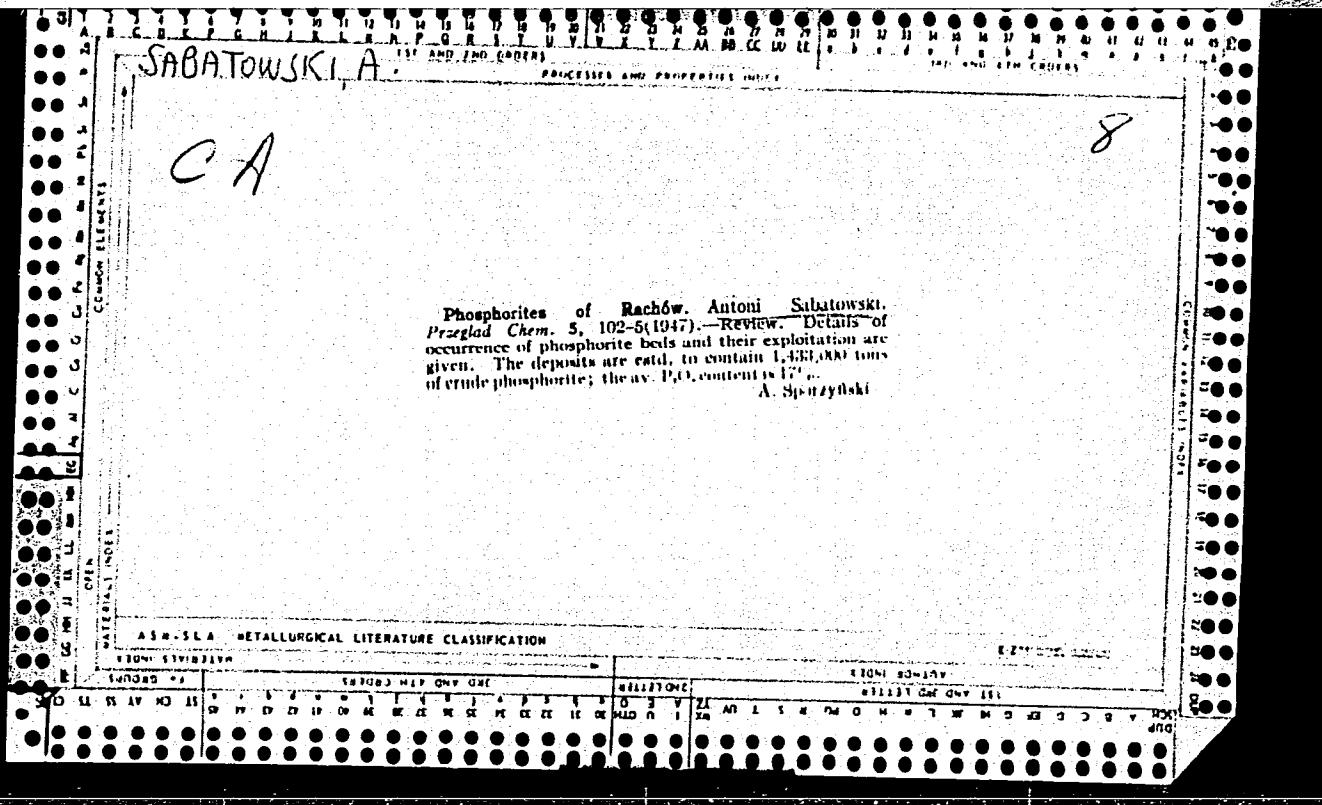
HORAKOVA, Eva; MERHAUT, Jiri; Dermatological Department Okresni Institute of National Health (Kozni Oddeleli OUNZ), Pardubice, Head (Vedouci) Dr M. SABATOVA; Industrial Institute of National Health (ZUNZ), Semtin-Rybitvi, Director (Reditel) Dr J. KRTICKA.

"Our Experience in Investigating Health of Workmen Employed in Benzanthrone Production."

Prague, Pracovni Lokarstvi, Vol 18, No 2, March 1966, pp 78 - 81

Abstract [Authors' English summary modified]: The state of health of 107 workmen employed in the production of benzanthrone was studied for 4 years. The most significant results of the employment were dermatological afflictions, ranging from pruritus to precocious generalized eczemas. Pigmentation and photosensitization, which did not occur too frequently, is probably caused by the main intermediary product, anthraquinone. A number of men listed a decrease in sexual activity in their anamnesis. No liver damage was found. 1 Table, 1 Western, 1 Czech, 1 Russian reference. (Manuscript received 3 May 65).

1/1



S

SABATOWSKI, A
J.A.

Kowar refractory clays from the district of Wierzbnik
on the Kamiona (central Poland). Marian Kamienski
and Antoni Sabatowski. Service géol. Pologne, Inst. géol.
Pologne, Bull. '62, 106-112 (in English, 108-12) (1949).—
Analyses, phys. properties, and firing tests are given for 12
kaolinitic refractory clays. Michael Fleischer

AS-SEA METALLURGICAL LITERATURE CLASSIFICATION

SABATOWSKI, A.

"How the Iodide Industry Was Developed in the Soviet Union", P. 274,
(CHMIK, Vol. 7, No. 10, October 1954, Katowice, Poland).

SC: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

DEMA, I.; DUMITRU, M.; GIRD, E.; GAINAR, E.; RUSI, A.; SPIRIDON, St.;
SABAU, G.; CONSTANTINESCU, O.; IONESCU, S.

Contributions to the utilization of organic solvents as eluting
agents in cation exchange. II. On the possibilities of a selective
elution of lanthanides. Studii cerc fiz ll no.2:397-405 '60.

(EEAI 10:1)

(Solvents) (Elution) (Rare-earth metals)
(Base-exchanging compounds) (Organic compounds)

SABAU, Gheorghe, ing.

Security glass. Industria usoara 9 no.11:484-488 N '62.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610018-0

BENEDEK, Z., prof. (Carei); SABAU, Gv., prof. (Carei)

Topographic platform, a valuable help in topographic mapping.
Natura Geografie 15 no.6:71-72 N-D '63.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610018-0"

SABAU, I.

Additions to a rational determination of the sphere of correct functioning
of atmospheric vaporization with multiple action. p. 106.

ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industriei Electrotehnice)
Bucuresti, Rumania, Vol. 7, no. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

SABAU, I.

Experiences in using boilers with vaporization having multiple action.
p. 309.

ENERGOTICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industriei Electrotehnice)
Bucuresti, Romania
Vol. ?, no. ?, July 1959.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11
November 1959
Uncl.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610018-0

SP03743

SABAU, Ioan, ing.

Insulating oils and operation of high power transformers.
Energetica Rum 11 no.12:618-621 D'63.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610018-0"

NOSSA, L., dr.; BIRO, V., dr.; PAVEL, E., dr.; SABAU, L., dr.

Exudative pericarditis with prolonged evolution. Med. intern. 14
no.8:1005-1008 Ag '62.

1. Lucrare efectuata in Spitalul unificat Dej.
(PERICARDITIS)

PINTEA, V.; COMSA, I.; SABAU, L.; CRISTA, N.

Cutireaction to adrenaline-dionine and its correlation
with production in taurine. Comunicari zoolog 2:91-99
'63.

PURICA, I.; STEFANESCU, A.; SABAU, M.

Spatial variation of the neutron spectrum in a moderata heterogeneous
reactor cooled with natural water. Studii cerec fiz 11 no.2:323-330
'60. (EEAI 10:1)

(Neutrons) (Spectrum analysis) (Nuclear reactors)
(Water)

SABAU, M.; ZAMFIRESCU, I.

Determining the energy distribution of the neutron flux in the
experiments upon activation and transmission. Studii cerc fiz
11 no.2:351-356 '60. (EEAI 10:1)
(Neutrons)

STEFANESCU, A.; SABAU, M.

Utilizing the reactor VVR-S for the method of oscillating cell.
Studii cerc fiz 12 no.3:543-556 '61.

1. Institutul de fizica atomica, Bucuresti.

(Nuclear reactors) (Nuclear spectra)

ROSESCU, Th.; SABAU, M.

Distribution of the neutron flux and γ -radiations in the nuclear reactor VVR-S of the Institute of Atomic Physics of Bucharest.
Studii cerc fiz 12 no.3:563-569 '61.

(Gamma rays) (Radiation) (Nuclear reactors)

SABAU, M.; ROSESCU, Th.

Determining the conjugate flux of thermal neutrons by perturbation tests. Studii cerc fiz 12 no.3:583-587 '61.

1. Institutul de fizica atomica, Bucuresti.

(Neutrons) (Perturbation) (Nuclear reactors)

L 13059-66	EWA(j)/T/EWA(b)-2 JK	SOURCE CODE: RU/0023/65/010/001/0033/0040
ACC NR: AP6005727	AUTHOR: Peter, M. (Doctor); Sabau, Monica-Sabau, M. (Doctor); Tinkl, Suzana (Doctor)	
ORG: Department of Microbiology and Inframicrobiology, Medical-Pharmaceutical Institute, Tg. Mures (Disciplina de microbiologie si inframicrobiologie, Institutul de medicina si farmacie)		26 B
TITLE: Data concerning the association between the genus geotrichum and various enterobacteria		
SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 33-40		
TOPIC TAGS: bacteria, fungus, animal parasite, parasitology, intestinal disease		
ABSTRACT: The authors found that the growth of strains of Geotrichum freshly isolated from faeces is enhanced by the presence of accompanying flora. Geotrichum was most frequently found associated with <u>E. coli</u> (51 percent) and Kl. Aerobacter (17 percent). These germs stimulated the growth of Geotrichum in vitro, while staphylococcus, dysentery bacilli etc. were indifferent and Proteus inhibited the growth. Animal experimentation seems to indicate that Geotrichum affects the pathogenicity of Kl. pneumoniae and E. coli. Orig. art. has: 4 figures and 3 tables. [JPRS]		
SUB CODE: 06 / SUBM DATE: 19Jun65 / ORIG REF: 005 / OTH REF: 014		
Card 1/1 AK	UDC: 616.34-002.828:576.851.49	

ACC NR: AP6030837

SOURCE CODE: RU/0023/66/011/001/0041/0046

AUTHOR: Sabau, Monica--Sabau, M. (Doctor); Domokos, L.--Domokosh, L. (Doctor);
Abraham, A.--Abragam, A. (Doctor); Nagy, L.--Nad', L. (Doctor)

ORG: IMF, Targu Mures

TITLE: Etiological role of atypical Esch. coli (of hemolytic type) in pediatric enterocolitis. [This paper was presented at a meeting at Section of Infectious Pathology, U.S.S.R., Mures-Autonoma Branch, Hungary, on 8 October 1964.]

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 11, no. 1, 1966, 41-46

TOPIC TAGS: pediatrics, gastroenterology, blood chemistry, bacteria

ABSTRACT: In a study of enterocolitis in children, hemolyzing strains of Esch. coli were isolated in 31.04 percent of 960 cases. A relatively larger amount of hemolysis was produced in young cultures. The authors suggest that the hemolysin isolated from supernatant cultures in alkaline broth is of type α and probably a protein. The hemolysin was found to be thermolabile. Orig. art. has: 3 tables. [Based on authors' Eng. abst.] [JPRS: 35,814]

SUB CODE: 06 / SUBM DATE: 26Oct64 / ORIG REF: 007 / SOV REF: 002
OTH REF: 010

Card 1/1

UDC: 616.348-002-02:576.851.48

SCHAPIRA, M., dr., candidat in stiinte medicale; CISMAN, D., dr.; CIMPEANU, M., dr.; SABAU, S., dr.

Contributions to the study of fluoride in drinking water and morbity through tooth decay. Stomatologia (Bucur.) 12 no.5: 405-410 '65.

1. Lucrare efectuata la disciplina de stomatologie infantila Institutul medico-farmaceutic, Cluj (seful disciplinii, dr. M. Schapira).

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610018-0

SABAU, V., ing.

Dike protection by afforestation. Meteorologia hidrol gosp 8 no 4:
160-167 '64

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610018-0"

SABAU, V.

"A Method for Calculating Cubic Content at Reduced Height." p. 6
(Revista Padurilor, Vol. 68, No. 9, Sept. 1953, Bucuresti)

East European Vol. 3, No. 3 1954
SO: Monthly List of ~~Accessions~~ Accessions, Library of Congress, March 1953, Uncl.

SABAU, V.

"Analytical method in determining reserves in planting." p. 11. (REVISTA PADURILOR,
Vol. 68, no. 11, Nov. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

SABAU, V.

Function of forest stock in the process of producing wood. p. 349.
REVISTA PALURILOR. Bucuresti. Vol. 70, no. 7, July 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

SABAU, V.

Forest management in the economic conception of socialism and capitalism. p. 433

(REVISTA PADURILOR. Vol. 71, No. 7, July 1957. Bucuresti, Rumania)

SO: Monthly List of East European Accesssions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

RUMANIA / Forestry. Forest Economy

K-3

Abs Jour: Ref Zhur-Biol., No 13, 1958, 52382

Author : Botezatu T., Sabau V

Inst : Not given

Orig Pub: Rev. padurilor, 1957, 71, No 9, 572-577

Title : The Organization of Economy in Forests Situated in Basins
of Rivers Important for Water-Power Production.

Abstract: The problems of economy management in forests of
24 basins of rivers important for water-power pro-
duction are studied. The methos of main tree fel-
lings and the volume of felled stock are indica-
ted; the thinning rate is determined. Only fel-
lings for sanitary purposes are planned on slopes
steeper than 45°. The results of studies conduced
in the upper part of the basin of the river
Ardzbesh are given. -- A. Yana

Card 1/1

18

SALAU, V.

AGRICULTURE

PERIODICAL: REVISTA PADURILOR. Vol. 73, No. 10, Oct. 1958

SALAU, V. Continuity in forest production. p. 578

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

SABAU, V.

Technical normalization of work in production processes with timework wages. p.84.

INDUSTRIA USCARA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Departamentul Industriei Usoare din Ministerului Industriei Bunurilor de Consum) Bucuresti, Romania. Vol. 6, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

SABAU, V.

Technical normalization of work in production processes with per working-hour wages.
p. 49.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Technicienilor din
Romania si Ministerul Industriei Udostre) Bucuresti, Rumania. Vol.10, no. 2,
Feb. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

SABAU, V., ing.; TEBEICA, Al., ing.

"Contributions to the knowledge of the hydrologic role of forests"
by C.Arghiriade, P.Abagiu, G.Ceuca, T.Balanica. Reviewed by
V.Sabau, Al. Tebeica. Meteorologia hidrol gosp 6 no.4:341 '61.

ACC NR: AM5017155

Monograph

UR/

Ushakov, V. B.; Patrov, G. M.; Basov, Ye. P.; Popov, V. A.; Lekunin, N. B.; Mosekalenko, G. V.; Saburov, G. N.

The MN-14 electronic nonlinear analog computer (Elektronnaya nelineynaya analogovaya vychislitel'naya mashina MN-14) Moscow, Izd-vo "Mashinostroyeniye", 1965. 232 p. illus., biblio. 3300 copies printed.

TOPIC TAGS: analog computer, analog computer system, computer control system, computer component/MN-14 analog computer

PURPOSE AND COVERAGE: This book is intended for engineers, technicians, and scientists concerned with the problems of development and practical application of analog computers. It may also be useful to students in this field at schools of higher education. The MN-14 nonlinear electronic analog computer, developed at the Scientific Research Institute of Computer Machine Building, is described. It is used to model dynamic systems described by common nonlinear differential equations up to the 30th order with a large number of nonlinear relationships. The MN-14 computer may also be used to solve engineering construction problems as well as for scientific investigations in various fields of the national economy. The principles of the computer's design and its circuit characteristics are discussed. Basic units and structural assemblies are described and the methods used in the preparation of the problems solved by the computer are covered. Considerable attention is paid to the problems of increasing the computer's practical application by means of introduction of additional equipment into its system. The names of

UDC: 681.142.33

Card 1/2

L 26418-66

ACC NR: AM5017155

Ushakov V. B., Doctor of Technical Sciences, and G. M. Petrov are listed as the leaders.

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Ch. I. Basic Units of the Computer -- 18

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Ch. III. Computer Control and Adjustment System -- 84

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Ch. V. Structural Characteristics of the Computer and its Basic Components -- 154

Ch. VI. Solution of Problems by Means of the Computer and its Operation -- 165

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Bibliography -- 234

SUB CODE: 09/ SUBM DATE: 12Feb65/ ORIG REF: 010/ OTH REF: 001/
Card 2/2 11C

KRASHENINNIKOV, S.A.; GOLUREV, S.S.; SABAYEV, I.Ya.

Method and apparatus for the analysis of aqueous ammonia
solutions. Khim. prom. no. 6:514-515 S '60. (MIRA 13:11)
(Ammonia)

SHOKIN, I.N.; ~~REAS...V...I...L...I...S...A...S...M...E...T...E...L...E...R...O...R...O...R...~~

Use of organic extractive reagents in the production of
inorganic acids and salts. Trudy MKHTI no.35:48-59 '61.

(MIRA 14:10)

(Extraction(Chemistry))
(Acids, Inorganic)
(Salts)

SABAYEV, I.Ya.; SHOKIN, I.N.; KRASHENINNIKOV, S.A.

Use of organic extractive reagents for the recovery of phosphoric acid from hydrochloric solutions of phosphates. Trudy MFTI no.35:60-66 '61. (MIRA 14:10)

(Extraction(Chemistry))
(Phosphoric acid)
(Phosphates)

SABAYEV, I.Ya.; SHOKIN, I.M.; KRASHENINNIKOV, S.A.

Use of organic extractive reagents for the recovery of
phosphoric acid from nitric acid solutions of phosphates.

Trudy MKHTI no.35:67-72 '61. (MIRA 14:10)

(Phosphoric acid)

(Phosphates)

(Extraction(Chemistry))

SHOKIN, I.N.; SABAYEV, I.Ya.; KRASHENINNIKOV, S.A.

Solubility of phosphoric acid in iso-amyl and n-butyl alcohols.
Zhur.prikl.khim. 35 no.1:190-192 Ja '62. (MIRA 15:1)
(Phosphoric acid) (Isopentyl alcohol) (Butyl alcohol)

SABAYEV, I.Ya.; SHOKIN, I.N.

Problem of the extraction of phosphoric acid with aliphatic
alcohols. Zhur. VKHO 8 no.5:579-580 '63. (MIRA 17:1)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni
Mendeleyeva.

ROZEN, A.M.; SABAYEV, I.Ya.; SHOKIN, I.N.

Determination of the degree of hydration of extracted substances. Zhur. neorg. khim. 9 no.6:1455-1464 Je '63

(MIRA 17:8)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni Mendelejeva.

SABAYEV, I.Ya.; SHOKIN, I.N.; KRASHENINNIKOV, S.A.

Equilibrium distribution of components in the systems
 $H_3PO_4 - HCl - CaCl_2 - H_2O$ - isoamyl alcohol and

$H_3PO_4 - HCl - CaCl_2 - H_2O$ - n-butyl alcohol. Zhur. prikl. (MIRA 16:11)
khim. 36 no.8:1702-1710 Ag '63.

SABAYEV, I.Ya.; SHOKIN, I.N.; KRASHENINNIKOV, S.A.

Extraction of phosphoric acid by n-butyl and isoamyl alcohols.
Zhur. prikl. khim. 37 no. 4:874-880 Ap '64. (MIRA 17:5)

SAFAIEV, S.S.

Stars, Double - Orbits

Method for the determination of mean errors in catalogs of double-star orbits. Vest.

Len. un. 7, No. 12, 1952.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

BELKINA, G.L.; KUROYEDOV, V.A.; LAPOVOK, V.I.; LIKHTEROV, I.M.; MERMEL'SHTEYN,
G.R.; OVCHARENKO, Ye.Ya.; PONOMAR', V.I.; SABAYEV, V.I.; SOTNIKOV, V.A.;
FAYNBERG, L.I.; FEOKTISTOVA, N.D.

X-ray spectral analysis of brass in the process of smelting.
Zav.lab. 31 no.4:427-428 '65.

(MIRA 18:12)

1. Konstruktorskoye byuro "TSvetmetavtomatika" i Artemovskiy
zavod tsvetnykh metallov im. E.I.Kviringa.

AUTHOR:

Sabayev, V. P., Head Master

SOV/154-58-3-11/24

TITLE:

Estimation of the Accuracy of Astronomical Geodetic Intersections in Adjusting Aerial Photographs and the Boundaries of Soil Utilization (Otsenka tochnosti astronomogeodezicheskikh zasechek pri privyazke aerosnimkov i granits zemlepol'zovaniy)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1958, Nr 3, pp 99-104 (USSR)

ABSTRACT:

The method of astronomical geodetic intersections can effectively be used in individual cases of determination of the location of ground control points and in referencing monuments of the boundaries of soil utilization. The nature of the problem consists of the circumstance that for determining the coordinates of a field point two elements determined by geodetic measurements must be known. Each excessive measurement increases the accuracy of the referencing and gives an additional control. In order to reliably reference a random individual point or a point referenced together with others at least three elements must be determined. The method of astronomical geodetic intersection avoids the otherwise encountered difficulties. Three procedures of referencing are exposed. Although the resecting

Card 1/5

SOV/154-58-3-11/24

Estimation of the Accuracy of Astronomical Geodetic Intersections in Adjusting
Aerial Photographs and the Boundaries of Soil Utilization

from the point to be determined remains an important procedure, it has been ruled out by the investigations of Professor V. V. Popov (Ref 2). By means of astronomical-geodetic intersecting the procedure is transformed into an intersecting method and can reliably be carried out according to scheme III. The referencing according to the procedure of Potenot, used in the case where the 4th point of the geodetic basis is missing, can also be solved by this method according to scheme IV. For computation purposes the resecting referencing is transformed into an intersecting method and thus can be solved more easily and simply. A formula is deduced estimating the accuracy of the location of a point determined by a single astronomical geodetic intersecting. The accuracy of the determination of sighting angles of the intersections is determined. With a basis of a length of 3 - 5 km it is sufficient to know the intersection angles with an accuracy of 40 to 60". The results presented by the author agree with those from references 1, 3, and 5. There are 5 figures, 1 table, and 5 references, 5 of which are Soviet.

Caro 2/3

SOV/154-58-3-11/24

Estimation of the Accuracy of Astronomical Geodetic Intersections in Adjusting
Aerial Photographs and the Boundaries of Soil Utilization

ASSOCIATION: Voronezhskiy Sel'skokhozyaystvennyy institut (Voronezh In-
stitute of Agriculture)

SUBMITTED: March 6, 1958

Card 5/3

83797
S/035/59/000/003/002/039
A001/A001

3.4000

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, No. 3,
p. 14, # 1795

AUTHOR: Sabayev, V. P.

TITLE: Determinations of the Azimuth of a Terrestrial Object Using Polaris
by Day

PERIODICAL: Zap. Voronezhsk. s.-kh. in-ta, 1958, Vol. 27, No. 1, pp. 305-312

TEXT: The author proves the possibility of approximate determinations of the azimuth of a terrestrial object using Polaris by means of a TT-3 theodolite in the period of possible observations of bright stars during the day-time. An error from one measurement amounts to $\pm 20''$. The latitude of the location to be determined should be known with an accuracy up to $\pm 40''$ or the zenith distance of Polaris should be measured; stellar time is determined by a pocket chronometer from observations of transits of the bright southern stars across the Polaris vertical or near the meridian by the N. D. Pavlov method. There are 14 references.

N. A. B.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

3(1),3(4)

AUTHOR:

Sabayev, V.P., Senior Teacher

SOV/154-59-6-5/19

TITLE:

On the History of Astronomic Determinations of Azimuths

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i
aerofotos"yemka, 1959, Nr 6, pp 45-58 (USSR)

ABSTRACT:

A historical survey is given in this article concerning the development of astronomic azimuth determinations in Russia. The survey begins from the Chinese contribution in this field and covers the period from 1100 a.Chr. to 1913 p.Chr. There are 42 Soviet references. ✓

ASSOCIATION:

Voronezhskiy sel'skokhozyaystvennyy institut (Voronezh Agricultural Institute)

SUBMITTED:

October 31, 1958

Card 1/1

40015

S/035/62/090/008/060/090
A001/A101

3.4000 (4303)

AUTHOR: Sabayev, V. P.

TITLE: The estimation of accuracy in the Potenot problem

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 11,
abstract 8G99 ("Materialy Nauchn. konferentsii 1961. Voronezhsk.
s.-kh. in-t", Voronezh, 1961, 285 - 287)TEXT: The author compiled two special tables for finding the mean-square
error M of the ordinary resection (Potenot problem) by the known formula:

$$M = \pm \frac{s_2 \cdot m''}{\rho'' \sin(\varphi + \psi)} \sqrt{\left(\frac{s_1}{c}\right)^2 + \left(\frac{s_3}{a}\right)^2}$$

where s_1 , s_2 and s_3 are distances from the point being determined to the initial
points 1, 2 and 3; c and a are distances between the initial points 1 and 2, and
2 and 3 respectively; φ and ψ are angles at the initial points 1 and 3; m'' is

Card 1/2

The estimation of accuracy in the...

S/035/62/000/008/060/090
A001/A101

mean square error of the angle measured. The first table contains quantities

$s_2 \cdot 20"$

$t = \frac{s_2}{206260'' \cdot \sin(\varphi + \psi)}$, and the second table - quantities $\left(\frac{s_1}{c}\right)^2$ and $\left(\frac{s_3}{a}\right)^2$.

In the author's opinion, it is possible to obtain, by means of these tables, a sufficiently accurate result considerably simpler and faster than by constructing inversion triangles of Jordan (with the use of Aladzhalov's nomogram).

V. Pavlov

[Abstracter's note: Complete translation]

Card 2/2

L 06229-67 EWT(1) GW
ACC NR: AR6020548

SOURCE CODE: UR/0270/66/000/003/0010/0010

39
B

AUTHOR: Sabayev, V. P.

TITLE: On the determination of the Sun's azimuth with a +/- (15"-45") precision by the hourly angle, using a hand watch with a second pointer

SOURCE: Ref. zh. Geod, Abs. 3.52.80

REF SOURCE: Sb. tr. Voronezhsk. s.-kh. in-ta, v. 31, no. 1, 1964, 180-187

TOPIC TAGS: astronomy, astronomic geodesics, aerial photography, astronomic azimuth

ABSTRACT: The precision of azimuth determination of an object on Earth by the observation of hourly angles of the Sun using a 30" theodolite with time registration by a wrist watch is estimated. Precision of control determination by the TT-50 and Th-40 instruments coincides well with the theoretical. Results of a study of national brands of wrist watches with a central seconds pointer are quoted (the best was the watch "Vostok", with an hourly variation maximum of +/- .2 sec). It is concluded that the method of approximate determination of the azimuth of an object on Earth by the Sun, with a wrist watch (with an hourly deviation under 1 second) can be recommended for the tying together of aerial photographs by the method of astrohomogeodetic intersections. [Translation of abstract].

SUB CODE: 03, 08

UDC: 528.283:523.7

Card 1/1 *III*

BUZHINSKIY, I.M.; SABAYEVA, Ye.I.; KHOMYAKOV, A.N.

Changes in the physical properties of glass in the system
L₂O - Al₂O₃ + SiO₂ mineralized by titanium dioxide during
heat treatment. Stekloobr. sost. no. 1:127-137 '63.

(MIRA 17:10)

ACCESSION NR: AT4019302

S/0000/63/003/001/0127/0137

AUTHOR: Buzhinskiy, I. M.; Sabayeva, Ye. I.; Khomyakov, A. N.

TITLE: Variation in the physical properties of glasses of the lithium oxide - alumina - silica system mineralized with titanium dioxide during thermal treatment.

SOURCE: Simpozium po stekloobraznomu sostoyaniyu. Leningrad, 1962. Stekloobraznoye sostoyaniye, vy*p. 1: Katalizirovannaya kristallizatsiya stekla (vitreous state, no. 1: Catalyzing crystallization of glass): Trudy* simpoziuma, v. 3, no. 1. Moscow, Izd-vo AN SSSR, 1963. 127-137, insert between p. 128-129

TOPIC TAGS: glass, glass physical property, thermal treatment, eucryptite, spodumene, glass crystallization, titanium dioxide

ABSTRACT: Glasses having different compositions in the spodumene range were subjected to thermal treatment over a temperature range of 550-900C for a period of 1-500 hours. The optical properties, the coefficients of thermal expansion and elongation, and for some glasses, the volumetric resistance, dielectric loss, glass transition temperature, softening temperature and chemical stability were determined by different instruments. The processes in glasses mineralized with titanium dioxide are explained in detail on the basis of the experimental data obtained. During the thermal treatment all processes in these glasses

Card 1/2

ACCESSION NR: AT4019302

are divided into three periods and two narrow transition zones separating these periods from one another. Period I is characterized by the fact that the crystalline phase is missing, but the glass separates into two phases with the formation and growth of minute glass droplets of the composition which the crystals formed subsequently in the transition region will have. Structural changes also occur in titanium oxide and other elements of varying valency. In the first transition zone the liquefied glass droplets crystallize. In Period II, the material consists of glass and β -eucryptite crystals. Their growth and the structural changes in the titanium compounds continue. In the second transition zone, the β -eucryptite and spodumene crystals are rearranged due to the glassy silica with a corresponding increase in the total percentage of crystalline phase. In Period III the material consists of spodumene and a small amount of glass. The complex crystallization processes are now practically terminated. Orig. art. has: 12 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 17May63

DATE ACQ: 21Nov63

ENCL: 00

SUB CODE: MT

NO REF SOV: 008

OTHER: 006

Card 2/2

L 11845-66 EWP(a)/EWP(m)/EWP(b) GS/WI
ACC NR: AT6000505 SOURCE CODE: UR/0000/65/000/000/0360/0365
44 44 44 35 33 BH

AUTHOR: Buzhinsky, I. M.; Khomyakov, A. M.; Sabayeva, Ye. I.; Kirillova, I. I.

ORG: Nona

TITLE: The study of structural changes in glasses and glass-crystalline materials by means of various methods

SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznemu sostoyaniyu. 4th, Lenin-grad, 1964. Stekloobraznaya sostoyaniya (Vitreous state); trudy soveshchaniya, Leningrad, Izd-vo Nauka, 1965, 360-365

TOPIC TAGS: lithium glass, silicate glass, aluminum silicate, catalyzed crystallization, glass property

ABSTRACT: It was shown that during the precrystallization period and during the transition to the glassceramic state significant changes are observed in the linear expansion coefficient, index of refraction, mean dispersion, density, light transmission, and other properties of glasses. The present authors discussed additional experimental data with the aim of making the changes in the quantities listed above more precise. The article covers the changes in the refraction coefficient, specific dispersion, and light transmission as a function

Card 1/2

BUZHINSKIY, I. M.; KHOMYAKOV, A. N.; SABAYEVA, Ye. M.

"Investigation of structural changes in glasses and glass-ceramic materials by various methods."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad,
16-21 Mar 64.

SABAYTIS, Yu.I.

CARD 1 / 2 PA - 1499

SUBJECT USSR / PHYSICS
AUTHOR AKANTOV, N.I., SABAJTIS, JU.I.
TITLE Measuring Curl Derivations by the Method of Self-Oscillation.
PERIODICAL Žurn.techn.fis, 26, fasc.9, 2049-2056 (1956)
Issued: 10 / 1956 reviewed: 10 / 1956

The curl derivation of the moment is called the coefficient of the angular velocity of a rotating body moving in a liquid if the moment of hydrodynamic forces acting upon the body is decomposed by means of TAYLOR'S series. The experimental determination of curl derivations is necessary for the examination of the stability of aircraft and ships. At present two methods exist for this purpose: that of free and that of enforced oscillations. Both are characterized by marked disadvantages. The first method is inaccurate and requires a long time, the second, though very simple as to its idea, is nevertheless very complicated from the experimental point of view. The basic difficulty consists in the maintenance of the frequency of the exterior force. The resonance peak is in most cases pointed, and a slight modification of frequency causes the oscillation to leave the domain of resonance. It is nearly impossible to eliminate these fluctuations of frequency. For this reason the method of self-oscillations was worked out in the laboratory for aerodynamics of the Leningrad Polytechnic Institute. The necessary plant is described. The system can oscillate round an axis and the latter is connected with the axis of the rotor of an electromotor by means of levers. By leading a low frequency alternating current into the electromotor it is possible to generate oscillations in the

) Žurn.techn.fis,26, fasc.9, 2049-2056 (1956) CARD 2 / 2 PA - 1499
system. In order that the system can work in resonance the alternating current
must have the same frequency as the oscillating system, but it must be shifted
by $\frac{\pi}{2}$ in the phase. Next, the expression for the amplitude of the self-
oscillations, expressed by the parameters, is sought. Dry friction and self-in-
duction are neglected. The solution obtained by computation coincides exactly
with that which would be obtained for the case of the oscillations of the
system under the effect of the sinusoidal fluctuation moment under resonance
conditions. As is shown by the approximated computations and many experiments,
the curl derivations are linear functions of velocity. This property is utilized
for the purpose of finding the curl derivation for the extinction coefficients.
In conclusion it is said that experiments had proved the applicability of the
method of self-oscillations in a satisfactory manner.

INSTITUTION: Leningrad Polytechnic Institute "KALININ".

GEODEKLYAN, Artem Aramovich; DENISEVICH, Vladimir Vladimirovich;
ANTSYFOROV, Aleksandr Ivanovich; BORSHCHEVSKIY, Gol'dfrid
Adol'fovich; VIKTOROV, Dmitriy Nikolayevich; NIKOLENKO,
Vladimir Antonovich; STROGANOV, Vladimir Aleksandrovich;
ULIZLO, Boris Mikhaylovich; USHKO, Konstantin Aleksandrovich;
Prinimali uchastiye: DZHIBUTI, S.S.; DOBROV, Yu.V.; KORABEL'NIKOV,
M.A.; SAMSONOV, L.G.; SABBATOVSKIY, G.A.; CHERNYSHEVA, A.A.;
SHNEYDER, G.F.; BROD, I.O., otv.red.; PERSHINA, Ye.G., red.izd-va;
KOVAL'SKAYA, I.F., tekhn.red.

[Geology and oil and gas potentials of uplifts in the Balkhan
region] Geologicheskoe stroenie i neftegazonosnost' Pribalkhanskoi
zony podniatii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 107 p.

(MIRA 14:2)

(Balkhan Range--Petroleum geology)
(Balkhan Range--Gas, Natural--Geology)

SIROTIN, V.V.; SABATOVSKIY, G.K.

Gas supply sources for Ashkhabad. Izv. AN Turk. SSR no.4:110-
111 '58. (MIRA 11:10)

1. Institut geologii AN Turkmeneskoy SSR.
(Ashkhabad--Gas)

SABBATOVSKIY, G. K.

Significance of K. P. Kalitskii's works for the study of the
geology of oil fields in Turkmenia. Trudy Inst. geol. AN Turk.
(MIRA 16:1)
SSR 3:148-158 '60.

(Turkmenistan--Petroleum geology)

KUNICKI-GOLDFINGER, Wl.; KOWALSKA, J.; SABBO, M.

Soil diphtheroids. 1. Morphology and growth properties. Acta
microbiol Pol 2 no.4:277-286 '53. (REAL 3:8)

1. Aus dem Institut für Allgemeine Mikrobiologie der M. Curie-
Skłodowska Universität, Lublin.
(SOIL, bacteriology,
*diphtheroids) (CORYNEBACTERIUM
*diphtheroids in soil)

SABBO, M.

✓460. Bean hydrolysate medium for cultivation of *Hemophilus pertussis*. J. Iskierko, M. Sabbo, and R. Franaszczuk *Acta microbiol. polon.*, 1955, 4, 61-66. In the medium for the cultivation of *H. pertussis* the casein-hydrolysate could be replaced by bean-hydrolysate. The total N and amino-N in Cohen-Wheeler medium and in the medium with bean-hydrolysate were measured. The growth of *H. pertussis* on the new medium was as good as on the Cohen-Wheeler medium. No changes in morphological and antigenic characteristics of the bacteria were noted. The vaccine prepared on the new medium was tested. B. VINEY.

MD

(2)

Sabchuk

AUTHOR: Ol'skiy, Yu.Ya. SOV/136-59-3-18/21
TITLE: Conference on Fluidised-bed Roasting (Soveshchaniye po obzhigu v kipyashchem sloye)
PERIODICAL: Tsvetnyye Metally, 1959, Nr 3, pp 79 - 80 (USSR)
ABSTRACT: The author notes, with some examples, the wide use being made in the Soviet non-ferrous metals industry of fluidised-bed roasting processes. To facilitate exchange of operating experience and promote the further application of such processes a conference was held at the "Elektrotsink" Works in Ordzhonikidze at the end of 1958. The conference was convened by the Nauchno-tehnicheskoye obshchestvo tsvetnoy metallurgii (Scientific-technical Society for Non-ferrous Metallurgy) together with the GNTK RSFSR and the Severo-Osetinskiy sovnarkhoz (Severo-Osetinskiy Economic Council). Among the reports heard by the conference were the following: A.N. Ternovskaya and A.M. Malets (NIUIF), analysing the operation of fluidised roasters in the chemical industry; Yu.I. Sabchuk and A.T. Ul'yanov of the Voskresenskiy khimicheskiy kombinat (Voskresensk Chemical Combine) on heat utilisation in pyrites roasting; by I.A. Burcovoy, I.V. Bernshteyn
Card1/2

Conference on Fluidised-bed Roasting

SOV/136-59-3-18/21

and G.Ya. Krichevskiy (Gintsvetmet) on the study and introduction of automatic fluidised-roaster control and complex-automation problems; by A.G. Amelin (NIUIF) on "Production of Sulphuric Acid from Sulphide Ores by Roasting Them in Fluidised Roaster". The conference discussed available experience of fluidised roasting, noted economies effected through its introduction and recommended lines of research and improved operating methods. Attention was drawn to shortcomings in the development of the fluidised-bed roasting process in the USSR. The conference made detailed recommendations for the adoption of the process. The praesidium of the Society deplored the small representations at the conference of the research and planning organisations of the aluminium industry. The proceedings of the conference are due to be published by the Society.

Card2/2

~~546CZ/11~~, Lucjan
POLAND/Physical Chemistry. Molecule. Chemical Bond

P 4

Abs Jour : Ref Zhur - Khim., No 10, 1958, 31462

Author : Lucjan Sabczyk, Jakow K. Syrkin.

Inst : -

Title : Dielectric Polarization of Systems with Hydrogen Bonds.
III. Complexes of Organic Acids with Piperidino.

Orig Pub : Roczn. chem., 1957, 31, No 1, 197-204

Abstract : It was established, based on measurements of dielectric polarization of ternary systems benzene (solvent) - organic acid (benzoic, chloroacetic, trichloroacetic, picric acids) - piperidino (I) that carboxylic acids (A) produce comparatively weakly polarized complexes with I. The dipole moment of I picrate is 12.4 D. The difference between μ of

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Card 1/2

5

ATCHABAROV, B.A.; SABDENOV, Sh.S.

Some hemodynamic shifts in lead poisonong. Vest. AN Kazakh. SSR 11
no.12:77-82 D '54. (MLRA 8:3)
(Lead poisoning)

SABDENOV A, Sh. S.

USSR/ Medicine- Plumbism

Card 1/1 Pub. 123 - 11/16

Authors : Atchabarov, B. A., and Sabdenova, Sh. S.

Title : Certain hemodynamic movements during plumbism

Periodical : Vest. AN Kaz. SSR 12, 77-82, Dec 1954

Abstract : Clinical analysis showed that plumbism (lead poisoning) affects not only the nervous system but also the bone marrow and other organs including the cardio-vascular system. Various clinical tests showed that a majority of patients experience disturbances in arterial and venous pressures expressed in the form of arterial hypotension and venous hypertension. The frequency of arterial hypotension increases in connection with the increase in seriousness of plumbism. It was observed that lead colic is not always accompanied by arterial hypertension and does not always affect venal pressure. The rate of bleeding during plumbism shows no pathological changes. Thirteen USSR references (1923-1953). Tables.

Institution :

Presented by: A. P. Polosukhin, Active Member of Acad. of Sc., Kaz-SSR

SABDENOVA, SH. S.

USSR/Medicine - Toxicology

Card 1/1 Pub. 123 - 9/12

Authors : Atchabarov, B. A.; Aldanazarov, A. T.; Nikulicheva, V. S.;

Title : Romakhov, A. A.; and Sabdenova, Sh. S. Some data on the complex study of the effect of lead poisoning

Periodical : Vest. AN Kaz. SSR 6/123, 89-94, June 1955

Abstract : The effects of lead poisoning on various organs of the human body were studied in order to determine suitable antidotes and preventive measures.

Institution :

Presented by : Active Member, Acad. of Sc., Kaz. SSR A. P. Polosukhin

SABDANOVA, Sh.S.

ALDANAZAROV, A.T.; SABDANOVA, Sh.S.

Folic acid and pentoxyl treatment of lead poisoning. Trudy Inst.
kraev.pat. AN Kazakh.SSR 4:120-127 '56. (MLRA 10:3)
(LEAD POISONING) (URACIL) (FOLIC ACID)

ALDANAZAROV, A.T.; SABDENOVА, Sh.S.

Influence of vitamin B₁₂ and folic acid on the appearance and
development of lead intoxication on experimental animals. Trudy
Inst. kraev. pat. AN Kazakh. SSR 8:62-68 '60. (MIRA 14:5)
(CYANOCOBALAMINE) (FOLIC ACID)
(LEAD POISONING)

ATCHABAROV, B.A.; SABDENOVA, Sh.S.; ADYRKHAYEV, A.G.

Capillaries in patients with lead intoxication. Trudy Inst. kraev.
pat. AN Kazakh. SSR 8:167-173 '60. (MIPA 14:5)
(CAPILLARIES) (LEAD POISONING)

SABDENOVА, Sh.S.

Venous pressure in lead intoxication. Trudy Inst. kraev. pat. AN
Kazakh. SSR 8:174-177 '60. (MIRA 14:5)
(BLOOD PRESSURE) (LEAD POISONING)

SARDENOVA, Sh.S.; ALDANAZAROV, A.T.

Treatment of anemias caused by lead with vitamin B₁₂ in a compound
with folic acid. Preliminary report. Trudy Inst. Kraev. pat. Kazakh.
SSR 8:193-199 '60. (MIRA 14:5)

(ANEMIA) (LEAD POISONING) (CYANCOBALAMINE)
(FOLIC ACID)

ALDANAZAROV, A.T.; SABDENOVA, Sh.S.

Treatment of patients with lead intoxication by means of calcium
disodium salt of ethylenediaminetetraacetic acid. Trudy Inst.
kraev. pat. AN Kazakh. SSR 9:104-109'61. (MIRA 16:7)
(LEAD POISONING) (ACETIC ACID)

GEMKE, G.R.; SABDENOVА, Sh.S.

Case of the formation of edemas in treating lead colic with
calcium disodium salt of EDTA. Trudy Inst.kraev.pat. AN
Kazakh. SSR 9:115-117'61. (MIRA 16:7)
(EDEMA) (LEAD POISONING) (ACETIC ACID)

HUNGARY

SABEL, Lajos (Mrs), JAKAB, Marianne, SELLEI, Camillo; National Oncological Institute, Medical Department (Orszagos Onkologial Intezet, Belgyogyaszati Osztaly).

"Methods for the Determination of the Enzyme Activity in Yeast (Saccharomyces Cerevisiae)."

Budapest, Kiserletes Orvostudomany, Vol XV, No 3, June 1963, pp 265-268.

Abstract: [Authors' German summary] Yeast was used as an enzyme model in the determination of the effect of chemotherapeutic compounds on tumors. Comparative studies were conducted for the selection of yeast extract as having the most advantageous effect and for the inhibitors selected. Mainly the pH and concentration values have been changed since these are different in yeast suspension and in blood. The aim of the experiment was not to develop a completely new method but to use the enzyme-testing method already used clinically for the determination of the enzyme activity in yeast extracts. 8 Hungarian, 9 Western references.

1/1

8

SABEL, Lajosne; JAKAB, Marianne; SELLEI, Camillo

Methods for the study of the enzyme activity of a yeast
(*saccharomyces cerevisiae*). Kiserl. orvostud. 15 no. 3;
265-268 Je '63.

1. Orszagos Onkologiai Intezet Belgyogyaszati Osztalya.
(SACCHAROMYCES) (AMINOTRANSFERASES) (PHOSPHATASES)
(CATALASE)

SABELA, WLADYSLAW

U.S.S.R.

2

GERM

Manufacture of metallurgical nubice from blast-furnace slag.
VLADYSLAW SABELA, Arb. Schackenkommission No. 10,
~~Translators' Prose and Technique~~, No. 102 (1861); translated
in *Silicatech.*, 5 [7] 313-18 (1954). — The principle and the tech-
nique of manufacturing lightweight building materials from blast-
furnace slag by foaming are discussed; water as the usual medium
for foaming the slag is especially considered. Easily foaming
slags come from the production of sulfide iron and ferrromanganese
iron, while open-hearth slags are medium and difficultly foaming;
especially those in which the basicity is high, i.e., $(\text{CaO} + \text{MgO})/\text{SiO}_2 > 1.4$. Cold, slags containing much iron oxide cannot be
foamed at all. 12 references. M.H.A.

M.H.A.

SABELA, W.

2

Met 2

Polish Technical Abstracts
No. 4, 1953
Metallurgy

2398

669.162.273.1 : 535.37.001.5

Sabela, W. Contribution to Investigations of Properties of the Basic Blast Furnace Slags Liable to Falling.

"Przyczynki do badań właściwości żużli wielkopłecowych skłonnych do rozpadu wapiennego". (Prace Inst. Metallurgii No. 5), Katowice, 1952, PWT, 4, pp. 3 tabs.

The change of fluorescent colours was observed in falling blast furnace slags influenced by annealing. Falling clags annealed in soot or in a hydrogen atmosphere at a temperature of above 300°C, recover the bright fluorescence they have lost when annealed in lower temperatures. Moreover they are characterized by a decrease in coherence as compared with non-annealed slags. Since, hitherto, it has not been found that the stable slags reduce their coherence after such annealing, it seems that this phenomenon may provide a new method of detecting the falling.

SABELA, W.

"The Problem of Sulfur in the Production of Pig Iron in Open-Hearth Furnaces" p. 5
(Wiesomosci Hutnicze, Vol. 9, No. 1, Jan., 1953, Stalinogrod)

SO: Monthly List of East European Acquisitions, Vol. 3, No. 2, Library of Congress,
February, 1954, Uncl.

SABELA, W.

"Desulfurizing Pig Iron" p. 8 (Wiadomosci Hutnicze, Vol. 9, No. 6, June, 1953,
Stalinogrod)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
February, 1954, Uncl.